

DEPARTMENT OF TRANSPORTATION

DIVISION OF ENGINEERING SERVICES

Office of Structural Materials

Quality Assurance and Source Inspection



Bay Area Branch
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Contract #: 04-0120F4Cty: SF/ALA Rte: 80 PM: 13.2/13.9File #: 13.28**WELDING INSPECTION REPORT****Resident Engineer:**Pursell, Gary**Address:** 333 Burma Road**City:** Oakland, CA 94607**Report No:** WIR-003684**Date Inspected:** 26-Aug-2008**Project Name:** SAS Superstructure**OSM Arrival Time:** 700**Prime Contractor:** American Bridge/Fluor Enterprises, a JV**OSM Departure Time:** 1530**Contractor:** Oregon Iron Works Clackamas, Or.**Location:** Clackamas, Oregon

CWI Name:	Mike Gregson		
Inspected CWI report:	Yes	No	N/A
Electrode to specification:	Yes	No	N/A
Qualified Welders:	Yes	No	N/A
Approved Drawings:	Yes	No	N/A

CWI Present:	Yes	No
Rod Oven in Use:	Yes	No N/A
Weld Procedures Followed:	Yes	No N/A
Verified Joint Fit-up:	Yes	No N/A
Approved WPS:	Yes	No N/A
Delayed / Cancelled:	Yes	No N/A

Bridge No: 34-0006**Component:** Hinge K components**Summary of Items Observed:**

On this date, Caltrans Quality Assurance (QA) Inspector Mr. Danny C. White (B89) was present at Oregon Iron Works (OIW) for the purpose of monitoring fabrication and welding operations of the Hinge K Pipe Beam at the OIW fabrication and welding shop in Clackamas, Oregon.

The QA Inspector performed random observations in the fabrication shop in bay #1 and observed Mr. Scott Jones was utilizing the 30 foot mill to perform machining operations on the base-plate component marked as a110-4 for this job.

OIW Welding Operator Mr. Norm Petersen was observed preparing side bend specimens which had been removed from welder qualification test plates performed the week prior. See photo below for additional information.

WELDING INSPECTION REPORT

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Summary of Conversations:

The QA Inspector met with OIW Quality Control (QC) Supervisor Mr. Mike Gregson and inquired as to when further testing would be performed on the flux core arc welding (FCAW) and gas tungsten arc welding (GTAW) stainless steel overlay repair procedures. Mr. Gregson informed the QA Inspector that he did not know at this time and would try to find out when possible.

Comments

This report is for the purpose of determining conformance with the contract documents and is not for the purpose of making repair or fit for purpose recommendations. Should you require recommendations concerning repairs or remedial efforts please contact Ryan Smith, (858) 232-6799, who represents the Office of Structural Materials for your project.

Inspected By: White,Danny

Quality Assurance Inspector

Reviewed By: Wright,Mark

QA Reviewer